# Table ENG-4. - Building Site Development

Wythe County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and Soli Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:	-	., ., .,					
Austinville	80	Very limited	4.00	Somewhat limited	0.00	Not limited	
		Low strength Shrink-swell	1.00 0.50	Too clayey Cutbanks cave	0.88 0.10		
		Frost action	0.50	Culbanks cave	0.10		
1C:							
Austinville	80	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.88	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
1D:							
Austinville	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength Shrink-swell	1.00	Too clayey	0.88		
		Snrink-swell	0.50	Cutbanks cave	0.10		
2E:							
Austinville	45	Very limited	4.00	Very limited	4.00	Very limited	4.00
		Low strength	1.00	Slope	1.00	Slope	1.00
		Slope Shrink-swell	1.00 0.50	Too clayey Cutbanks cave	0.88 0.10		
Rock outcrop	30	Not Rated		Not Rated		Not Rated	
3B:							
Botetourt	75	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated	1.00	Depth to saturated	0.19
		Depth to saturated zone	0.19	zone Cutbanks cave	0.10	zone	
4C:							
Chiswell	35	Somewhat limited		Very limited		Very limited	
		Depth to soft bedrock	1.00	Depth to soft bedrock	1.00	Depth to bedrock	1.00
		Frost action	0.50	Slope	0.37	Droughty	1.00
		Slope	0.37	Cutbanks cave	0.10	Gravel content	1.00
Groseclose	25	Very limited		Somewhat limited		Somewhat limited	
		Shrink-swell	1.00	Too clayey	0.88	Slope	0.37
		Low strength	1.00	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
Litz	20	Somewhat limited		Somewhat limited		Somewhat limited	
		Frost action	0.50	Slope	0.37	Slope	0.37
		Slope	0.37	Cutbanks cave	0.10	Depth to bedrock	0.10
				Depth to soft bedrock	0.10	Gravel content	0.05

Map Symbol and Soil Name	of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
IC:							-
Clubcaf	2	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated	1.00	Flooding	1.00
		Flooding	1.00	zone Flooding	0.80	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10	20116	
D:							
Chiswell	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to soft bedrock	1.00	Depth to bedrock	1.0
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.0
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.0
Groseclose	25	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.0
		Shrink-swell	1.00	Too clayey	0.88		
		Low strength	1.00	Cutbanks cave	0.10		
Litz	20	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.0
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.1
				Depth to soft bedrock	0.10	Gravel content	0.0
Clubcaf	2	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated	1.00	Flooding	1.0
		Flooding	1.00	zone Flooding	0.80	Depth to saturated zone	1.0
		Depth to saturated zone	1.00	Cutbanks cave	0.10	20110	
łE:							
Chiswell	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to soft bedrock	1.00	Depth to bedrock	1.0
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.0
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.0
Groseclose	25	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.0
		Shrink-swell	1.00	Too clayey	0.88		
		Low strength	1.00	Cutbanks cave	0.10		
Litz	20	Very limited	4.00	Very limited	4.00	Very limited	
		Slope	1.00	Slope	1.00	Slope	1.0
		Frost action	0.50	Cutbanks cave Depth to soft bedrock	0.10 0.10	Depth to bedrock Gravel content	0.1 0.0
Clubcaf	2	Very limited		Very limited		Very limited	
Sidoodi	_	Frost action	1.00	Depth to saturated	1.00	Flooding	1.0
		Flooding	1.00	zone	1.00	Depth to saturated	1.0
		Depth to saturated	1.00	Flooding	0.80	zone	
					0.10		

And Soil Name Map Unit Rating Class and Limiting Features Value Limiting Features Value Limiting Features Value Limiting Features Value Limiting Features  5A:  Clubcaf 80 Very limited Very limited Frost action 1.00 Depth to saturated 1.00 Flooding Depth to saturated 1.00 Flooding Depth to saturated 2 Depth to hard bedrock 0.10 Flooding Depth to saturated 2 Depth to hard bedrock 0.10 Slope 0.37 Content of large 2 Depth to hard bedrock 0.10 Slope 0.37 Content of large 2 Depth to hard bedrock 0.10 Slope 0.37 Content of large 2 Depth to hard bedrock 0.10 Slope 0.37 Content of large 2 Depth to hard bedrock 0.10 Slope 0.37 Content of large 2 Depth to hard bedrock 0.10 Slope 0.39	1.00 1.00
Clubcaf   Ros	
Frost action	
Flooding	
Begin to saturated zone    Depth to saturated zone   1.00   Flooding   0.80   20ne	1.00
Dekalb  75	
Slope Depth to hard bedrock O.10 Slope 0.37 Content of large stones O.10 Slope 0.37 Content of large stones O.10 Cutbanks cave 0.10 Slope 0.37 Content of large stones O.10 Cutbanks cave 0.10 Slope O.10 O.10 Slope O.10 O.10 Slope O.10 O.10 O.10 O.10 O.10 O.10 O.10 O.10	
Depth to hard bedrock Content of large stones  Dekalb  To Very limited  Slope  Depth to hard bedrock Content of large stones  To Very limited  Very limited  Slope  Depth to hard bedrock Slope  Depth to hard bedrock Content of large stones  To Very limited  Very limited  Very limited  Very limited  Slope Depth to hard bedrock Content of large stones  To Very limited  Slope Depth to hard bedrock Depth to hard bedrock Content of large stones  To Very limited  Slope Depth to hard bedrock Depth to hard bedrock Content of large stones  To Very limited  Very limited  Very limited  Very limited  Slope Depth to hard bedrock Depth to hard bedrock Depth to hard bedrock Depth to hard bedrock Content of large stones  To Derroc  Somewhat limited  Flooding Depth to large stones  To Derroc  No Depth to hard bedrock Depth t	
Depth to hard bedrock Content of large stones  Depth to hard bedrock Content of large stones	0.90
SD:  Dekalb  75 Very limited Slope 1.00 Depth to hard bedrock 0.10 Slope Depth to hard bedrock 0.10 Slope 1.00 Droughty Content of large stones  SE:  Dekalb  75 Very limited Slope 1.00 Depth to hard bedrock 1.00 Slope Stones  SE:  Dekalb  75 Very limited Very limited Very limited Very limited Very limited Very limited Slope Depth to hard bedrock 0.10 Slope Depth to hard bedrock 0.10 Slope Depth to hard bedrock Content of large stones  78:  Derroc  80 Very limited Somewhat limited Flooding 1.00 Flooding 0.60 Droughty Content of large stones Very limited Somewhat limited Flooding 1.00 Flooding 0.60 Droughty Content of large stones Frost action 0.50 Cutbanks cave 0.10 stones	0.39
Dekalb  To Very limited  Slope Depth to hard bedrock Content of large stones  To Very limited  Slope Depth to hard bedrock Content of large stones  To Very limited  Slope Depth to hard bedrock Content of large stones  To Very limited Slope Depth to hard bedrock Slope Depth to hard bedrock Content of large stones  To Very limited Slope Depth to hard bedrock Content of large Slope Depth to hard bedrock Content of large stones  To Very limited Slope Depth to hard bedrock Content of large stones  To Very limited Slope Depth to hard bedrock Content of large stones  To Very limited Slope Depth to hard bedrock Content of large stones  To Very limited Somewhat limited Somewhat limited Somewhat limited Flooding Content of large stones Somewhat limited Content of large stones Content of large stones Somewhat limited Content of large stones Content of large stones Somewhat limited Content of large stones Content of large stones Somewhat limited Content of large stones Content of large stones Content of large stones	
Dekalb  To Very limited Slope Depth to hard bedrock Slope Depth to hard bedrock O.10 Slope Depth to hard bedrock Content of large stones  To Very limited Slope Depth to hard bedrock O.10 Slope Depth to hard bedrock Content of large stones  To Very limited Very limi	0.37
Slope 1.00 Depth to hard bedrock 0.10 Slope 1.00 Droughty Content of large stones	
Depth to hard bedrock Content of large stones  SE:  Dekalb  75 Very limited Slope Depth to hard bedrock Slope Depth to hard bedrock Slope Depth to hard bedrock Content of large Slope Depth to hard bedrock Content of large Stones  Somewhat limited Somewhat limited Somewhat limited Flooding Content of large Stones  Somewhat limited Flooding Content of large Stones Frost action  O.50 Cutbanks cave O.10 Droughty Content of large Somewhat limited	
Content of large stones	1.00
SE:  Dekalb  75 Very limited Slope Depth to hard bedrock Content of large stones  80 Very limited Somewhat limited Flooding 1.00 Flooding Somewhat limited Flooding Somewhat limited Flooding Somewhat limited Somewhat limited Flooding Somewhat limited Somewhat limited Somewhat limited Flooding Somewhat limited Somewhat limited Somewhat limited Somewhat limited Flooding Somewhat limited Somewhat limited Somewhat limited Flooding Somewhat limited	0.90
Dekalb  75 Very limited  Slope  1.00 Depth to hard bedrock  1.00 Slope  Depth to hard bedrock  Content of large stones  78:  Derroc  80 Very limited  Somewhat limited  Flooding Content of large stones  79:  20:  80 Very limited  Somewhat limited  Flooding Content of large stones  70:  Somewhat limited  Somewhat limited  Somewhat limited  Flooding Content of large stones  Frost action  0.50 Cutbanks cave  0.10 Slope 1.00 Droughty  Content of large stones Content of large Somewhat limited  Somewhat limited  Somewhat limited  Somewhat limited  Somewhat limited  Somewhat limited  Content of large stones Content of large stones Frost action  0.50 Cutbanks cave  0.10 stones	0.39
Slope	
Depth to hard bedrock	
Content of large stones  Frost action  Cutbanks cave  Content of large stones	1.00
B:  Derroc  80 Very limited Flooding 1.00 Flooding 0.60 Droughty Content of large stones  Content of large stones Frost action 0.50 Cutbanks cave 0.10 stones	0.90
Derroc  80 Very limited  Flooding  1.00 Flooding  0.60 Droughty  Content of large stones  Frost action  Somewhat limited  Somewhat limited  Content of large stones  Content of large stones  Content of large stones  Content of large	0.39
Flooding 1.00 Flooding 0.60 Droughty Content of large 0.52 Content of large 0.52 Flooding stones stones Content of large Frost action 0.50 Cutbanks cave 0.10 stones	
Content of large 0.52 Content of large 0.52 Flooding stones stones Content of large Frost action 0.50 Cutbanks cave 0.10 stones	
stones stones Content of large Frost action 0.50 Cutbanks cave 0.10 stones	0.73
Frost action 0.50 Cutbanks cave 0.10 stones	0.60
	0.32
_	
BE:	
Drypond 50 Very limited Very limited Very limited	
Depth to hard bedrock 1.00 Depth to hard bedrock 1.00 Depth to bedrock	1.00
Slope 1.00 Slope 1.00 Droughty	1.00
Cutbanks cave 0.10 Gravel content	1.00
Rock outcrop 25 Not Rated Not Rated Not Rated	
9A:	
Evansham 85 Very limited Very limited Very limited	
Shrink-swell 1.00 Depth to saturated 1.00 Flooding	1.00
Depth to saturated 1.00 zone Depth to saturated	1.00
zone Cutbanks cave 1.00 zone	
Frost action 1.00 Ponding 1.00 Ponding	1.00
10B:	

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
10B:	•						
Frederick	80	Very limited		Very limited		Not limited	
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell Frost action	1.00 0.50	Cutbanks cave	0.10		
10C:							
Frederick	80	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.37
		Shrink-swell	1.00	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
10D:							
Frederick	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength Shrink-swell	1.00 1.00	Too clayey Cutbanks cave	1.00 0.10		
11A:							
Gullion	85	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated	1.00	Flooding	0.60
		Flooding	1.00	zone	0.00	Depth to saturated	0.03
		Low strength	1.00	Flooding Cutbanks cave	0.60 0.10	zone	
Evansham	2	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Flooding	1.00
		Depth to saturated	1.00	zone		Depth to saturated	1.00
		zone Frost action	1.00	Cutbanks cave Ponding	1.00 1.00	zone Ponding	1.00
12C:						· · · · · · · · · · · · · · · · · · ·	
Hagerstown	80	Very limited		Somewhat limited		Somewhat limited	
<b>G</b>		Low strength	1.00	Too clayey	0.88	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
Rock outcrop	5	Not Rated		Not Rated		Not Rated	
12D:							
Hagerstown	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.88		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Rock outcrop	5	Not Rated		Not Rated		Not Rated	
13E:							



Map Symbol	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13E:							
Hagerstown	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength Shrink-swell	1.00 0.50	Too clayey Cutbanks cave	0.88 0.10		
Rock outcrop	30	Not Rated		Not Rated		Not Rated	
4B:							
Hagerstown	50	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.88		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50	Depth to hard bedrock	0.08		
Wurno	30	Somewhat limited		Very limited		Very limited	
		Frost action	0.50	Depth to hard bedrock	1.00	Droughty	1.00
		Depth to hard bedrock	0.29	Depth to soft bedrock Cutbanks cave	0.84 0.10	Depth to bedrock Gravel content	0.84 0.13
4C:							
Hagerstown	50	Very limited		Somewhat limited		Somewhat limited	
•		Low strength	1.00	Too clayey	0.88	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
Wurno	30	Somewhat limited		Very limited		Very limited	
		Frost action	0.50	Depth to hard bedrock	1.00	Droughty	1.00
		Slope Depth to hard bedrock	0.37 0.29	Depth to soft bedrock Slope	0.84 0.37	Depth to bedrock Slope	0.84 0.37
4D:		.,					
Hagerstown	50	Very limited		Very limited		Very limited	
•		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.88		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Wurno	30	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	1.00
		Depth to hard bedrock	0.29	Depth to soft bedrock	0.84	Depth to bedrock	0.84
4E:							
Hagerstown	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.88		
		Shrink-swell	0.50	Cutbanks cave	0.10		

Map Symbol and Soil Name	Local Roads Pct and Streets of		Shallow Excavations			Lawns and Landscaping	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14E:							
Wurno	30	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action  Depth to hard bedrock	0.50 0.29	Slope Depth to soft bedrock	1.00 0.84	Droughty Depth to bedrock	1.00 0.84
15B:							
Ingledove	80	Not limited		Very limited Cutbanks cave	1.00	Not limited	
16C:							
Jefferson	75	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Slope	0.37	Content of large	0.84
				Cutbanks cave	0.10	stones Slope	0.37
16D:							
Jefferson	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10	Content of large stones	0.84
16E:							
Jefferson	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10	Content of large stones	0.84
17C:							
Lily	75	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.64	Depth to hard bedrock	1.00	Depth to bedrock	0.65
		Slope	0.37	Slope Cutbanks cave	0.37 0.10	Slope	0.37
17D:							
Lily	75	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.64	Slope Cutbanks cave	1.00 0.10	Depth to bedrock	0.65
17E:							
Lily	75	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.64	Slope Cutbanks cave	1.00 0.10	Depth to bedrock	0.65
18B:							

Wythe County, Virginia

Map Symbol	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
18B:		.,					
Marbie	45	Very limited	4.00	Very limited	4.00	Very limited	0.00
		Frost action Depth to thick	1.00 0.99	Depth to thick cemented pan	1.00	Depth to cemented pan	0.99
		cemented pan	0.99	Depth to saturated	1.00	Droughty	0.21
		Shrink-swell	0.50	zone Cutbanks cave	0.10	Depth to saturated zone	0.19
Wyrick	35	Very limited		Somewhat limited		Not limited	
,		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
		Frost action	0.50				
18C:							
Marbie	45	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to thick	1.00	Depth to cemented	0.99
		Depth to thick cemented pan	0.99	cemented pan Depth to saturated	1.00	pan Slope	0.37
		Shrink-swell	0.50	zone	1.00	Droughty	0.37
		Omnik Swen	0.00	Slope	0.37	Broaging	0.21
Wyrick	35	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
18D:							
Marbie	45	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to thick	1.00	Slope	1.00
		Frost action	1.00	cemented pan Slope	1.00	Depth to cemented pan	0.99
		Depth to thick cemented pan	0.99	Depth to saturated	1.00	Droughty	0.21
		comented pair		zone		2.009.11,	0.21
Wyrick	35	Very limited		Very limited		Very limited	
·		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
19C:							
Matneflat	75	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.37	Cutbanks cave	1.00	Slope	0.37
				Slope	0.37	Content of large	0.05
						stones Gravel content	0.03
						Siaro, osinoin	0.00
10D.							

19D:

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19D:	•						-
Matneflat	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	1.00	Content of large	0.05
						stones Gravel content	0.03
						Graver content	0.03
19E:							
Matneflat	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	1.00	Content of large	0.05
						stones	0.00
						Gravel content	0.03
20A:							
Nomberville	80	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00	Cutbanks cave	0.10		
		Low strength	0.22				
Evansham	2	Very limited		Very limited		Very limited	
Evansham	2	Shrink-swell	1.00	Depth to saturated	1.00	Flooding	1.00
		Depth to saturated	1.00	zone	1.00	Depth to saturated	1.00
		zone	1.00	Cutbanks cave	1.00	zone	1.00
		Frost action	1.00	Ponding	1.00	Ponding	1.00
21A:							
Pagebrook	80	Very limited		Somewhat limited		Not limited	
r agostook	00	Shrink-swell	1.00	Depth to saturated	0.95	rtot iiiriitod	
		Low strength	1.00	zone	0.00		
		Frost action	0.50	Too clayey	0.88		
			0.00	Cutbanks cave	0.10		
Evansham	2	Very limited		Very limited		Very limited	
Evanoriam	_	Shrink-swell	1.00	Depth to saturated	1.00	Flooding	1.00
		Depth to saturated	1.00	•		Depth to saturated	1.00
		zone		Cutbanks cave	1.00	zone	
		Frost action	1.00	Ponding	1.00	Ponding	1.00
22:							
Pits, quarries	100	Not Rated		Not Rated		Not Rated	
23C:	45	Somewhat limited		Somewhat limited		Somewhat limited	
Rayne	40	Frost action	0.50		0.27		0.37
		Slope	0.50 0.37	Slope Cutbanks cave	0.37 0.10	Slope	0.37
	_						
Berks	35	Somewhat limited	2.2=	Somewhat limited	0.74	Somewhat limited	2.22
		Slope	0.37	Depth to soft bedrock	0.71	Droughty	0.92
				Slope	0.37	Depth to bedrock	0.71
				Cutbanks cave	0.10	Slope	0.37



Map Symbol and Soil Name	Pct of	Local Roads and Streets	Shallow Excavations			Lawns and Landscaping	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23D:							
Rayne	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10		
Berks	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.71	Droughty	0.92
				Cutbanks cave	0.10	Depth to bedrock	0.71
23E:							
Rayne	45	Very limited		Very limited		Very limited	
•		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10		
Berks	35	Very limited		Very limited		Very limited	
200		Slope	1.00	Slope	1.00	Slope	1.00
		5.575		Depth to soft bedrock	0.71	Droughty	0.92
				Cutbanks cave	0.10	Depth to bedrock	0.71
24F:							
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
Wurno	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	1.00
		Depth to hard bedrock	0.29	Depth to soft bedrock	0.84	Depth to bedrock	0.84
25B:							
Shottower	80	Somewhat limited		Somewhat limited		Not limited	
		Shrink-swell	0.50	Too clayey	0.50		
		Frost action	0.50	Cutbanks cave	0.10		
25C:							
Shottower	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Too clayey	0.50	Slope	0.37
		Frost action	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
25D:							
Shottower	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Too clayey	0.50		
		Frost action	0.50	Cutbanks cave	0.10		
26A:							

	Pct	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
Map Symbol and Soil Name	of	und otrects		Exouvations		Landsdaping	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26A:	•		•				•
Sindion	85	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated	1.00	Flooding	0.6
		Flooding	1.00	zone Flooding	0.60	Depth to saturated zone	0.0
		Depth to saturated zone	0.03	Cutbanks cave	0.00	zone	
Clubcaf	2	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated	1.00	Flooding	1.0
		Flooding	1.00	zone		Depth to saturated	1.0
		Depth to saturated	1.00	Flooding	0.80	zone	
		zone		Cutbanks cave	0.10		
27A:	0.5	Mam. Himsita d		Many limited			
Speedwell	85	Very limited	4.00	Very limited	4.00	Somewhat limited	0.0
		Flooding	1.00	Cutbanks cave	1.00 0.60	Flooding	0.6
		Frost action	0.50	Flooding	0.00		
28C: Sylvatus	45	Very limited		Very limited		Very limited	
Sylvatus	40	Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.0
		Frost action	0.50	Slope	0.37	Droughty	1.0
		Slope	0.37	Cutbanks cave	0.10	Gravel content	0.6
Sylco	35	Somewhat limited		Very limited		Somewhat limited	
		Frost action	0.50	Depth to hard bedrock	1.00	Gravel content	0.8
		Slope	0.37	Slope	0.37	Slope	0.3
		Depth to hard bedrock	0.10	Cutbanks cave	0.10	Depth to bedrock	0.1
28D:							
Sylvatus	45	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.0
		Slope	1.00	Slope	1.00	Slope	1.0
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.0
Sylco	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.0
		Frost action	0.50	Slope	1.00	Gravel content	0.8
		Depth to hard bedrock	0.10	Cutbanks cave	0.10	Depth to bedrock	0.1
28E:	4-						
Sylvatus	45	Very limited	4.00	Very limited	4.00	Very limited	4.0
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.0
		Slope Frost action	1.00 0.50	Slope Cutbanks cave	1.00 0.10	Slope Droughty	1.0 1.0
Sylco	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.0
		Frost action	0.50	Slope	1.00	Gravel content	0.8
		Depth to hard bedrock	0.10	Cutbanks cave	0.10	Depth to bedrock	0.1

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
29B: Timberville	80	Very limited Flooding Frost action Low strength	1.00 0.50 0.22	Somewhat limited Flooding Cutbanks cave	0.60 0.10	Somewhat limited Flooding	0.60
Clubcaf	2	Very limited Frost action Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited  Depth to saturated zone Flooding Cutbanks cave	1.00 0.80 0.10	Very limited Flooding Depth to saturated zone	1.00 1.00
30C:							
Timberville	80	Somewhat limited Frost action Flooding Slope	0.50 0.40 0.37	Somewhat limited Slope Cutbanks cave	0.37 0.10	Somewhat limited Slope	0.37
Clubcaf	2	Very limited Frost action Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited  Depth to saturated zone Flooding Cutbanks cave	1.00 0.80 0.10	Very limited Flooding Depth to saturated zone	1.00 1.00
31: Udorthents	100	Not Rated		Not Rated		Not Rated	
20.							
32: Udorthents	60	Not Rated		Not Rated		Not Rated	
Urban land	30	Not Rated		Not Rated		Not Rated	
33C:							
Urban land	50	Not Rated		Not Rated		Not Rated	
Frederick	30	Very limited Low strength Shrink-swell Slope	1.00 1.00 0.84	Very limited Too clayey Slope Cutbanks cave	1.00 0.84 0.10	Somewhat limited Slope	0.84
34C:							
Urban land	40	Not Rated		Not Rated		Not Rated	
Marbie	30	Very limited Frost action Depth to thick cemented pan Shrink-swell	1.00 0.99 0.50	Very limited  Depth to thick cemented pan Depth to saturated zone Cutbanks cave	1.00 1.00 0.10	Very limited  Depth to cemented pan  Droughty  Depth to saturated zone	0.99 0.21 0.19



Map Symbol and Soil Name	Pct of	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
34C:	•		'				
Timberville	20	Somewhat limited		Somewhat limited		Not limited	
		Frost action	0.50	Cutbanks cave	0.10		
		Flooding Low strength	0.40 0.22				
35C:							
Weikert	50	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Frost action	0.50	Slope	0.37	Droughty	1.00
		Slope	0.37	Cutbanks cave	0.10	Slope	0.37
Berks	30	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Depth to soft bedrock	0.71	Droughty	0.92
				Slope	0.37	Depth to bedrock	0.71
				Cutbanks cave	0.10	Slope	0.37
35D:							
Weikert	50	Very limited		Very limited		Very limited	
		Depth to hard bedrock Slope	1.00 1.00	Depth to hard bedrock Slope	1.00 1.00	Depth to bedrock Slope	1.00 1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
Berks	30	Very limited		Very limited		Very limited	
Bonie	00	Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.71	Droughty	0.92
				Cutbanks cave	0.10	Depth to bedrock	0.71
35E:							
Weikert	50	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope Frost action	1.00 0.50	Slope Cutbanks cave	1.00 0.10	Slope Droughty	1.00 1.00
		FIOSI action	0.50	Culbanks cave	0.10	Diougnly	1.00
Berks	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock Cutbanks cave	0.71 0.10	Droughty Depth to bedrock	0.92 0.71
				Culbanks cave	0.10	Deptil to bedrock	0.71
36B:	0.0			0 1 1 1 1 1 1		A1 4 12 - 14 - 1	
Wheeling	80	Very limited	4.00	Somewhat limited	0.40	Not limited	
		Low strength Frost action	1.00 0.50	Cutbanks cave	0.10		
W:							
w. Water	100	Not Rated		Not Rated		Not Rated	

